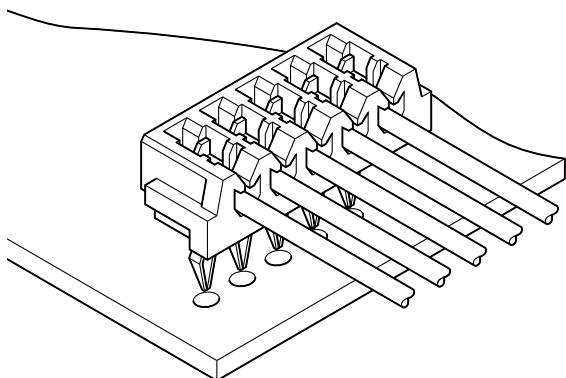


# DD/DS CONNECTOR

2.0 mm pitch/Wire-to-Board connectors/  
Right angle board-in mounting type IDC connector



This right angle board-in type IDC connector allows wires to run parallel to the PCB. With an overall mounted height of only 3.5 mm, a low profile design can be accomplished. This is especially suitable for high density and low profile wiring layouts in compact electronic equipment.

- Low profile design with an effective mounted height of 3.5 mm
- Twin U-slot type insulation displacement contact structure
- Solder terminals are designed for permanent and secure PCB connection.
- Strain relief

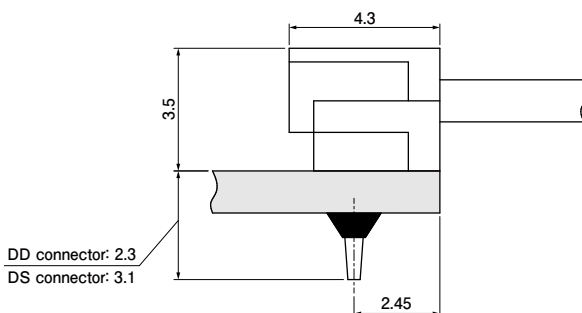
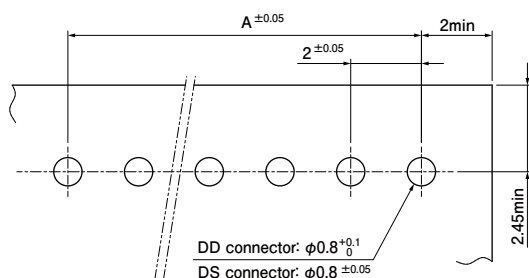
## Specifications

- Current rating: 0.7 A AC/DC
- Voltage rating: 100 V AC/DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: There shall be no breakdown or flashover while applying 800 VAC for one minute.
- Applicable wire: UL1571, 1061  
Note) Please contact JST for details regarding the use of other UL style wires.  
AWG #28  
Conductor construction/7-strand, tin-coated wire  
Insulation O.D./0.9 mm
- Applicable PC board thickness:  
DD connector: 0.8 mm, 1.0 mm  
DS connector: 1.2 mm, 1.6 mm
- \* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- \* RoHS2 compliance
- \* Dimensional unit: mm
- \* Contact JST for details.

## Standards

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).  
※Specifications registered to overseas standards may differ from the general specifications listed above.

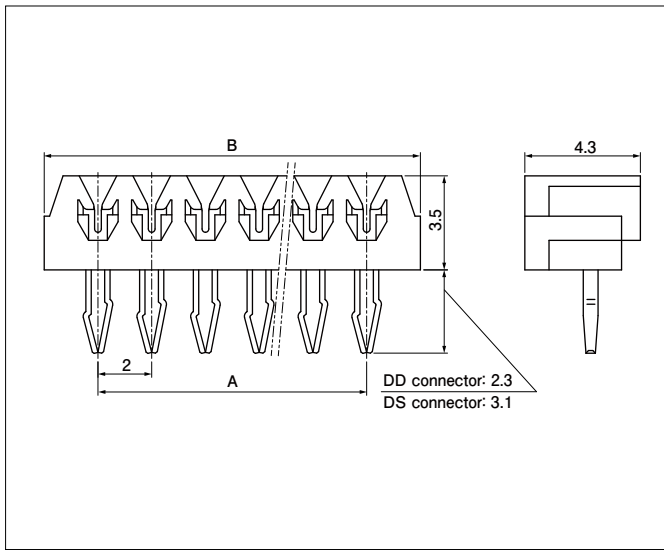
## PC board layout and Assembly layout



- Note: 1. The PC board layout figure shown is viewed from soldering side.  
2. Tolerance for the PCB hole pitch shall be ± 0.05 and shall not accumulate.  
3. Hole dimensions differ depending on the type of PCB and PCB drilling method.  
The above dimensions are for reference only. Please contact JST for further details.  
4. Avoid applying tension to the wires during soldering or immediately after soldering while the connectors and wires are still under high temperature.  
5. Avoid reusing the connector once it has been removed from the PCB after soldering.

# DD/DS CONNECTOR

## Connector



No. of circuits	Model No.		Dimensions (mm)		Q'ty/box
	DD connector AWG #28 (green)	DS connector AWG #28 (blue)	A	B	
2	02DD-8M	02DS-8E	2.0	6.0	2,000
3	03DD-8M	03DS-8E	4.0	8.0	2,000
4	04DD-8M	04DS-8E	6.0	10.0	1,000
5	05DD-8M	05DS-8E	8.0	12.0	1,000
6	06DD-8M	06DS-8E	10.0	14.0	1,000
7	07DD-8M	07DS-8E	12.0	16.0	1,000
8	08DD-8M	08DS-8E	14.0	18.0	500
9	09DD-8M	09DS-8E	16.0	20.0	500
10	10DD-8M	10DS-8E	18.0	22.0	500
11	-	11DS-8E	20.0	24.0	500
12	12DD-8M	12DS-8E	22.0	26.0	250
13	-	13DS-8E	24.0	28.0	250
14	14DD-8M	14DS-8E	26.0	30.0	250
15	15DD-8M	15DS-8E	28.0	32.0	250
16	-	16DS-8E	30.0	34.0	250

### Material and Surface finish, etc.

Contact: Copper alloy, tin-plated  
Housing: 2 to 11 circuits/PA  
12 to 16 circuits/PA (GF)

This product displays (LF)(SN) on a label.

Note) For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

## Model number allocation

